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PATENT

**USE OF METAL SUPPORTED COPPER CATALYSTS
FOR REFORMING ALCOHOLS**

ABSTRACT OF THE INVENTION

This invention is directed to a process for reforming
5 an alcohol. The process comprises contacting an alcohol
with a reforming catalyst comprising copper at the surface
of a metal supporting structure, preferably a metal sponge
supporting structure comprising nickel. In a certain
preferred embodiment, hydrogen produced by the reforming
10 process is used as a fuel source for a hydrogen fuel cell to
generate electric power, particularly for driving a vehicle.